

Groundwater Sampling Results - Volatile Organic Compounds

April 1999

Precision National Plating Services - Clarks Summit, PA

Analyte	PA Statewide Health Standard	AGM-1S 04/07/99 11:42	AGM-1I 04/07/99 12:38	AGM-2S 04/05/99 16:00	AGM-2I 04/05/99 16:10	AGM-3S 04/07/99 15:20	AGM-3I 04/06/99 17:28	AGM-4S 04/07/99 8:27	AGM-4I 04/06/99 9:12	AGM-5S 04/08/99 15:30	AGM-5I 04/08/99 16:10	AGM-6S 04/08/99 17:25	AGM-6I 04/06/99 14:42
Chloromethane	--	10 U	10 U	10 U	10 U	10 U	10 U	10 U					
Bromomethane	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U					
Vinyl Chloride	2	10 U	10 U	10 U	10 U	10 U	10 U	10 U					
Chloroethane	28,000	10 U	10 U	10 U	10 U	10 U	10 U	10 U					
Methylene Chloride	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U					
Acetone	3,700	10 U	10 U	10 U	10 U	10 U	10 U	10 U					
Carbon Disulfide	1,900	10 U	10 U	10 U	10 U	10 U	10 U	10 U					
1,1-Dichloroethene	7	10 U	10 U	10 U	10 U	10 U	10 U	10 U					
1,1-Dichloroethane	27	10 U	10 U	10 U	10 U	10 U	10 U	10 U					
total 1,2-Dichloroethene	(1)	10 U	10 U	10 U	10 U	10 U	10 U	10 U					
Chloroform	100	10 U	10 U	10 U	10 U	10 U	10 U	10 U					
1,2-Dichloroethane	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U					
2-Butanone	--	10 U	10 U	10 U	10 U	39	10 U	10 U					
1,1,1-Trichloroethane	200	10 U	10 U	10 U	10 U	10 U	10 U	10 U					
Carbon Tetrachloride	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U					
Bromodichloromethane	100	10 U	10 U	10 U	10 U	10 U	10 U	10 U					
1,2-Dichloropropane	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U					
cis 1,3-Dichloropropene	--	10 U	10 U	10 U	10 U	10 U	10 U	10 U					
Trichloroethene	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U					
Dibromochloromethane	100	10 U	10 U	10 U	10 U	10 U	10 U	10 U					
1,1,2-Trichloroethane	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U					
Benzene	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U					
trans 1,3-Dichloropropene	--	10 U	10 U	10 U	10 U	10 U	10 U	10 U					
Bromoform	--	10 U	10 U	10 U	10 U	10 U	10 U	10 U					
4-Methyl-2-Pentanone	--	10 U	10 U	10 U	10 U	10 U	10 U	10 U					
2-Hexanone	--	10 U	10 U	10 U	10 U	10 U	10 U	10 U					
Tetrachloroethene	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U					
1,1,2,2-Tetrachloroethane	0.74	10 U	10 U	10 U	10 U	10 U	10 U	10 U					
Toluene	1,000	2 J	3 J	1 J	3 J	1 J	3 J	5 J	2 J	10 U	10 U	10 U	10 U
Chlorobenzene	55	10 U	10 U	10 U	10 U	10 U	10 U	10 U					
Ethylbenzene	700	10 U	10 U	10 U	10 U	10 U	10 U	10 U					
Styrene	100	10 U	10 U	10 U	10 U	10 U	10 U	10 U					
Xylenes, Total	10,000	10 U	10 U	10 U	10 U	10 U	2 J	10 U					

Notes: All concentrations in ug/l (ppb)

(1) Standards for cis-1,2-Dichloroethene and trans-1,2-Dichloroethene are 70 ug/L and 100 ug/L, respectively.

U = The analyte was analyzed for, but was not detected above the level of the associated value. The associated value is either the sample quantitation limit or the sample detection limit.

J = The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte sample.

UJ = The analyte was not detected above the reported sample quantitation or detection limit. However, the reported quantitation or detection limit is approximate and may or may not represent the actual limit of quantitation or detection necessary to accurately and precisely measure the analyte in the sample.

R = The sample results are rejected because of serious deficiencies in the ability to analyze the sample and meet the quality control criteria. The presence or absence of the analyte cannot be verified.

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Analyte	PA Statewide Health Standard	AGM-6D 04/08/99 17:45	AGM-7S 04/07/99 17:45	AGM-7I 04/09/99 11:16	AGM-70I 04/09/99 11:55	MW-1 04/06/99 9:55	MW-2 04/06/99 11:00	MW-3 04/08/99 11:01	MW-4 04/08/99 12:35	MW-A 04/08/99 9:42	MW-B 04/08/99 8:49	MW-C 04/06/99 13:05
Chloromethane	--	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Bromomethane	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Vinyl Chloride	2	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Chloroethane	28,000	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Methylene Chloride	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acetone	3,700	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	8 J
Carbon Disulfide	1,900	10 U	10 U	10 U	10 U	10 U	1 J	10 U	10 U	10 U	10 U	10 U
1,1-Dichloroethene	7	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,1-Dichloroethane	27	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
total 1,2-Dichloroethene	(1)	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Chloroform	100	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,2-Dichloroethane	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Butanone	--	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,1,1-Trichloroethane	200	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Carbon Tetrachloride	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Bromodichloromethane	100	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,2-Dichloropropane	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
cis 1,3-Dichloropropene	--	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Trichloroethene	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Dibromochloromethane	100	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,1,2-Trichloroethane	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzene	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
trans 1,3-Dichloropropene	--	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Bromoform	--	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Methyl-2-Pentanone	--	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Hexanone	--	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Tetrachloroethene	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,1,2,2-Tetrachloroethane	0.74	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Toluene	1,000	10 U	10 U	5 J	5 J	10 U	10 U	10 U	10 U	1 J	5 J	3 J
Chlorobenzene	55	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Ethylbenzene	700	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Styrene	100	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Xylenes, Total	10,000	10 U	10 U	2 J	1 J	10 U	10 U	10 U	10 U	10 U	10 U	10 U

Notes: All concentrations in ug/l (ppb)

(1) Standards for cis-1,2-Dichloroethene and trans-1,2-Dichloroethene are 70 ug/L and 100 ug/L, respectively.

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bis (2-Chloroethyl) ether	0.13	11 U	11 U	10 U	10 U	12 U	10 U	11 U	11 U	10 U	10 U	10 U	11 U	10 U
Phenol	4,000	11 U	11 U	10 U	10 U	12 U	10 U	11 U	11 U	10 U	10 U	10 U	11 U	10 U
2-Chlorophenol	40	11 U	11 U	10 U	10 U	12 U	10 U	11 U	11 U	10 U	10 U	10 U	11 U	10 U
1,3-Dichlorobenzene	600	11 U	11 U	10 U	10 U	12 U	10 U	11 U	11 U	10 U	10 U	10 U	11 U	10 U
1,4-Dichlorobenzene	75	11 U	11 U	10 U	10 U	12 U	10 U	11 U	11 U	10 U	10 U	10 U	11 U	10 U
1,2-Dichlorobenzene	600	11 U	11 U	10 U	10 U	12 U	10 U	11 U	11 U	10 U	10 U	10 U	11 U	10 U
2,2'-Oxybis (1-Chloropropane)	--	11 U	11 U	10 U	10 U	12 U	10 U	11 U	11 U	10 U	10 U	10 U	11 U	10 U
2-Methylphenol	--	11 U	11 U	10 U	10 U	12 U	10 U	11 U	11 U	10 U	10 U	10 U	11 U	10 U
Hexachloroethane	1	11 U	11 U	10 U	10 U	12 U	10 U	11 U	11 U	10 U	10 U	10 U	11 U	10 U
N-Nitroso-di-n-propylamine	0.094	11 U	11 U	10 U	10 U	12 U	10 U	11 U	11 U	10 U	10 U	10 U	11 U	10 U
4-Methylphenol	--	11 U	11 U	10 U	10 U	12 U	10 U	11 U	11 U	10 U	10 U	10 U	11 U	10 U
Nitrobenzene	18	11 U	11 U	10 U	10 U	12 U	10 U	11 U	11 U	10 U	10 U	10 U	11 U	10 U
Isophorone	100	11 U	11 U	10 U	10 U	12 U	10 U	11 U	11 U	10 U	10 U	10 U	11 U	10 U
2-Nitrophenol	2,300	11 U	11 U	10 U	10 U	12 U	10 U	11 U	11 U	10 U	10 U	10 U	11 U	10 U
2,4-Dimethylphenol	730	11 U	11 U	10 U	10 U	12 U	10 U	11 U	11 U	10 U	10 U	10 U	11 U	10 U
bis (2-Chloroethoxy) methane	--	11 U	11 U	10 U	10 U	12 U	10 U	11 U	11 U	10 U	10 U	10 U	11 U	10 U
2,4-Dichlorophenol	20	11 U	11 U	10 U	10 U	12 U	10 U	11 U	11 U	10 U	10 U	10 U	11 U	10 U
1,2,4-Trichlorobenzene	70	11 U	11 U	10 U	10 U	12 U	10 U	11 U	11 U	10 U	10 U	10 U	11 U	10 U
Naphthalene	20	11 U	11 U	10 U	10 U	12 U	10 U	11 U	11 U	10 U	10 U	10 U	11 U	10 U
4-Chloroaniline	150	11 UU	11 UU	10 UU	10 UU	12 UU	10 UU	11 UU	11 UU	10 U	10 U	10 U	11 UU	10 U
Hexachlorobutadiene	1	11 U	11 U	10 U	10 U	12 U	10 U	11 U	11 U	10 U	10 U	10 U	11 U	10 U
4-Chloro-3-methylphenol	--	11 U	11 U	10 U	10 U	12 U	10 U	11 U	11 U	10 U	10 U	10 U	11 U	10 U
2-Methylnaphthalene	1,500	11 U	11 U	10 U	10 U	12 U	10 U	11 U	11 U	10 U	10 U	10 U	11 U	10 U
Hexachlorocyclopentadiene	50	11 U	11 U	10 U	10 U	12 U	10 U	11 U	11 U	10 U	10 U	10 U	11 U	10 U
2,4,6-Trichlorophenol	60	11 U	11 U	10 U	10 U	12 U	10 U	11 U	11 U	10 U	10 U	10 U	11 U	10 U
2,4,5-Trichlorophenol	3,700	28 U	28 U	25 U	25 U	29 U	25 U	28 U	27 U	25 U	25 U	25 U	28 U	25 U
2-Chloronaphthalene	2,900	11 U	11 U	10 U	10 U	12 U	10 U	11 U	11 U	10 U	10 U	10 U	11 U	10 U
2-Nitroaniline	2.1	28 U	28 U	25 U	25 U	29 U	25 U	28 U	27 U	25 U	25 U	25 U	28 U	25 U
Acenaphthylene	2,200	11 U	11 U	10 U	10 U	12 U	10 U	11 U	11 U	10 U	10 U	10 U	11 U	10 U
Dimethylphthalate	--	11 U	11 U	10 U	10 U	12 U	10 U	11 U	11 U	10 U	10 U	10 U	11 U	10 U
2,6-Dinitrotoluene	37	11 U	11 U	10 U	10 U	12 U	10 U	11 U	11 U	10 U	10 U	10 U	11 U	10 U
Acenaphthene	2,200	11 U	11 U	10 U	10 U	12 U	10 U	11 U	11 U	10 U	10 U	10 U	11 U	10 U
3-Nitroaniline	2.1	28 U	28 U	25 U	25 U	29 U	25 U	28 U	27 U	25 U	25 U	25 U	28 U	25 U
2,4-Dinitrophenol	19	28 UJ	28 UJ	25 UJ	25 UJ	29 UJ	25 UJ	28 UJ	27 UJ	25 U	25 U	25 U	28 UJ	25 U
Dibenzofuran	--	11 U	11 U	10 U	10 U	12 U	10 U	11 U	11 U	10 U	10 U	10 U	11 U	10 U
2,4-Dinitrotoluene	2.1	11 U	11 U	10 U	10 U	12 U	10 U	11 U	11 U	10 U	10 U	10 U	11 U	10 U
4-Nitrophenol	60	28 U	28 U	25 U	25 U	29 U	25 U	28 U	27 U	25 U	25 U	25 U	28 U	25 U
Fluorene	190	11 U	11 U	10 U	10 U	12 U	10 U	11 U	11 U	10 U	10 U	10 U	11 U	10 U
4-Chlorophenyl-phenylether	--	11 U	11 U	10 U	10 U	12 U	10 U	11 U	11 U	10 U	10 U	10 U	11 U	10 U
Diethylphthalate	5,000	11 U	11 U	10 U	10 U	12 U	10 U	11 U	11 U	10 U	10 U	10 U	11 U	10 U
4-Nitroaniline	2.1	28 U	28 U	25 U	25 U	29 U	25 U	28 U	27 U	25 U	25 U	25 U	28 U	25 U
4,6-Dinitro-2-methylphenol	--	28 U	28 U	25 U	25 U	29 U	25 U	28 U	27 U	25 U	25 U	25 U	28 U	25 U
n-Nitrosodiphenylamine	130	11 U	11 U	10 U	10 U	12 U	10 U	11 U	11 U	10 U	10 U	10 U	11 U	10 U
4-Bromophenyl-phenylether	--	11 U	11 U	10 U	10 U	12 U	10 U	11 U	11 U	10 U	10 U	10 U	11 U	10 U
Hexachlorobenzene	1	11 U	11 U	10 U	10 U	12 U	10 U	11 U	11 U	10 U	10 U	10 U	11 U	10 U
Pentachlorophenol	1	28 UJ	28 UJ	25 UJ	25 UJ	29 UJ	25 UJ	28 UJ	27 UJ	25 U	25 U	25 U	28 UJ	25 U
Phenanthrene	1,200	11 U	11 U	10 U	10 U	12 U	10 U	11 U	11 U	10 U	10 U	10 U	11 U	10 U
Anthracene	43	11 U	11 U	10 U	10 U	12 U	10 U	11 U	11 U	10 U	10 U	10 U	11 U	10 U
Carbazole	--	11 U	11 U	10 U	10 U	12 UJ	10 U	11 U	11 U	10 U	10 U	10 U	11 U	10 U
Di-n-butylphthalate	3,700	11 U	11 U	10 U	10 U	12 U	10 U	11 U	11 U	10 U	10 U	10 U	11 U	10 U
Fluoranthene	270	11 U	11 U	10 U	10 U	12 U	10 U	11 U	11 U	10 U	10 U	10 U	11 U	10 U
Pyrene	13	11 U	11 U	10 U	10 U	12 U	10 U	11 U	11 U	10 U	10 U	10 U	11 U	10 U
Butylbenzylphthalate	2,700	11 U	11 U	10 U	10 U	12 U	10 U	11 U	11 U	10 U	10 U	10 U	11 U	10 U
3,3'-Dichlorobenzidine	1.5	11 U	11 U	10 U	10 U	12 U	10 U	11 U	11 U	10 U	10 U	10 U	11 U	10 U
Benzo (a) anthracene	0.9	11 U	11 U	10 U	10 U	12 U	10 U	11 U	11 U	10 U	10 U	10 U	11 U	10 U
Chrysene	1.8	11 U	11 U	10 U	10 U	12 U	10 U	11 U	11 U	10 U	10 U	10 U	11 U	10 U
bis (2-Ethylhexyl) phthalate	6	1 J	3 J	3 J	2 J	12 U	2 J	4 J	11 U	10 U	10 U	10 U	10 U	10 U
Di-n-Octylphthalate	730	11 U	11 U	10 U	10 U	12 U	10 U	11 U	11 U	10 U	10 U	10 U	11 U	10 U
Benzo (b) fluoranthene	0.9	11 U	11 U	10 U	10 U	12 U	10 U	11 U	11 U	10 R	10 R	10 R	11 U	10 R
Benzo (k) fluoranthene	0.55	11 U	11 U	10 U	10 U	12 U	10 U	11 U	11 U	10 R	10 R	10 R	11 U	10 R
Benzo (a) pyrene	0.2	11 U	11 U	10 U	10 U	12 U	10 U	11 U	11 U	10 R	10 R	10 R	11 U	10 R
Indeno (1,2,3-cd) pyrene	0.9	11 U	11 U	10 U	10 U	12 U	10 U	11 U	11 U	10 R	10 R	10 R	11 U	10 R
Dibenz (a,h) anthracene	0.09	11 U	11 U	10 U	10 U	12 U	10 U	11 U	11 U	10 R	10 R	10 R	11 U	10 R
Benzo (g,h,i) perylene	0.26	11 U	11 U	10 U	10 U	12 U	10 U	11 U	11 U	10 R	10 R	10 R	11 U	10 R

Notes: All concentrations in ug/l (ppb)

U = The analyte was analyzed for, but was not detected above the level of the associated value. The associated value is either the sample

J = The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte sample.

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bis (2-Chloroethyl) ether	0.13	11 U	11 U	11 U	10 U	11 U	11 U	11 U	11 U	11 U	10 U
Phenol	4,000	11 U	11 U	11 U	10 U	11 U	11 U	11 U	11 U	11 U	10 U
2-Chlorophenol	40	11 U	11 U	11 U	10 U	11 U	11 U	11 U	11 U	11 U	10 U
1,3-Dichlorobenzene	600	11 U	11 U	11 U	10 U	11 U	11 U	11 U	11 U	11 U	10 U
1,4-Dichlorobenzene	75	11 U	11 U	11 U	10 U	11 U	11 U	11 U	11 U	11 U	10 U
1,2-Dichlorobenzene	600	11 U	11 U	11 U	10 U	11 U	11 U	11 U	11 U	11 U	10 U
2,2'-oxybis (1-Chloropropane)	--	11 U	11 U	11 U	10 U	11 U	11 U	11 U	11 U	11 U	10 U
2-Methylphenol	--	11 U	11 U	11 U	10 U	11 U	11 U	11 U	11 U	11 U	10 U
Hexachloroethane	1	11 U	11 U	11 U	10 U	11 U	11 U	11 U	11 U	11 U	10 U
N-Nitroso-di-n-propylamine	0.094	11 U	11 U	11 U	10 U	11 U	11 U	11 U	11 U	11 U	10 U
4-Methylphenol	--	11 U	11 U	11 U	10 U	11 U	11 U	11 U	11 U	11 U	10 U
Nitrobenzene	18	11 U	11 U	11 U	10 U	11 U	11 U	11 U	11 U	11 U	10 U
Isophorone	100	11 U	11 U	11 U	10 U	11 U	11 U	11 U	11 U	11 U	10 U
2-Nitrophenol	2,300	11 U	11 U	11 U	10 U	11 U	11 U	11 U	11 U	11 U	10 U
2,4-Dimethylphenol	730	11 U	11 U	11 U	10 U	11 U	11 U	11 U	11 U	11 U	10 U
bis (2-Chloroethoxy) methane	--	11 U	11 U	11 U	10 U	11 U	11 U	11 U	11 U	11 U	10 U
2,4-Dichlorophenol	20	11 U	11 U	11 U	10 U	11 U	11 U	11 U	11 U	11 U	10 U
1,2,4-Trichlorobenzene	70	11 U	11 U	11 U	10 U	11 U	11 U	11 U	11 U	11 U	10 U
Naphthalene	20	11 U	11 U	11 U	10 U	11 U	11 U	11 U	11 U	11 U	10 U
4-Chloroaniline	150	11 UU	11 U	11 U	10 UU	11 UU	11 U	11 U	11 U	11 U	10 UU
Hexachlorobutadiene	1	11 U	11 U	11 U	10 U	11 U	11 U	11 U	11 U	11 U	10 U
4-Chloro-3-methylphenol	--	11 U	11 U	11 U	10 U	11 U	11 U	11 U	11 U	11 U	10 U
2-Methylnaphthalene	1,500	11 U	11 U	11 U	10 U	11 U	11 U	11 U	11 U	11 U	10 U
Hexachlorocyclopentadiene	50	11 U	11 U	11 U	10 U	11 U	11 U	11 U	11 U	11 U	10 U
2,4,6-Trichlorophenol	60	11 U	11 U	11 U	10 U	11 U	11 U	11 U	11 U	11 U	10 U
2,4,5-Trichlorophenol	3,700	26 U	28 U	29 U	25 U	26 U	26 U	28 U	28 U	27 U	25 U
2-Chloronaphthalene	2,900	11 U	11 U	11 U	10 U	11 U	11 U	11 U	11 U	11 U	10 U
2-Nitroaniline	2.1	26 U	28 U	29 U	25 U	26 U	26 U	28 U	28 U	27 U	25 U
Acenaphthylene	2,200	11 U	11 U	11 U	10 U	11 U	11 U	11 U	11 U	11 U	10 U
Dimethylphthalate	--	11 U	11 U	11 U	10 U	11 U	11 U	11 U	11 U	11 U	10 U
2,6-Dinitrotoluene	37	11 U	11 U	11 U	10 U	11 U	11 U	11 U	11 U	11 U	10 U
Acenaphthene	2,200	11 U	11 U	11 U	10 U	11 U	11 U	11 U	11 U	11 U	10 U
3-Nitroaniline	2.1	26 UJ	28 U	29 U	25 U	26 U	26 U	28 U	28 U	27 U	25 U
2,4-Dinitrophenol	19	26 UJ	28 U	29 U	25 UJ	26 UJ	26 U	28 U	28 U	27 U	25 UJ
Dibenzofuran	--	11 U	11 U	11 U	10 U	11 U	11 U	11 U	11 U	11 U	10 U
2,4-Dinitrotoluene	2.1	11 U	11 U	11 U	10 U	11 U	11 U	11 U	11 U	11 U	10 U
4-Nitrophenol	60	26 UJ	28 U	29 U	25 U	26 U	26 U	28 U	28 U	27 U	25 U
Fluorene	190	11 U	11 U	11 U	10 U	11 U	11 U	11 U	11 U	11 U	10 U
4-Chlorophenyl-phenylether	--	11 U	11 U	11 U	10 U	11 U	11 U	11 U	11 U	11 U	10 U
Diethylphthalate	5,000	11 U	11 U	11 U	10 U	11 U	11 U	11 U	11 U	11 U	10 U
4-Nitroaniline	2.1	26 U	28 U	29 U	25 U	26 U	26 U	28 U	28 U	27 U	25 U
4,6-Dinitro-2-methylphenol	--	26 U	28 U	29 U	25 U	26 U	26 U	28 U	28 U	27 U	25 U
n-Nitrosodiphenylamine	130	11 U	11 U	11 U	10 U	11 U	11 U	11 U	11 U	11 U	10 U
4-Bromophenyl-phenylether	--	11 U	11 U	11 U	10 U	11 U	11 U	11 U	11 U	11 U	10 U
Hexachlorobenzene	1	11 U	11 U	11 U	10 U	11 U	11 U	11 U	11 U	11 U	10 U
Pentachlorophenol	1	26 UJ	28 U	29 U	25 UJ	26 UJ	26 U	28 U	28 U	27 U	25 UJ
Phenanthrene	1,200	11 U	11 U	11 U	10 U	11 U	11 U	11 U	11 U	11 U	10 U
Anthracene	43	11 U	11 U	11 U	10 U	11 U	11 U	11 U	11 U	11 U	10 U
Carbazole	--	11 UJ	11 U	11 U	10 U	11 U	11 U	11 U	11 U	11 U	10 U
Di-n-butylphthalate	3,700	11 U	11 U	11 U	10 U	1J	1J	11 U	11 U	11 U	1 J
Fluoranthene	270	11 U	11 U	11 U	10 U	11 U	11 U	11 U	11 U	11 U	10 U
Pyrene	13	11 U	11 U	11 U	10 U	11 U	11 U	11 U	11 U	11 U	10 U
Butylbenzylphthalate	2,700	11 U	11 U	11 U	10 U	11 U	11 U	11 U	11 U	11 U	10 U
3,3'-Dichlorobenzidine	1.5	11 U	11 U	11 U	10 U	11 U	11 U	11 U	11 U	11 U	10 U
Benzo (a) anthracene	0.9	11 U	11 U	11 U	10 U	11 U	11 U	11 U	11 U	11 U	10 U
Chrysene	1.8	11 U	11 U	11 U	10 U	11 U	11 U	11 U	11 U	11 U	10 U
bis (2-Ethylhexyl) phthalate	6	11 U	11 U	11 U	6J	2J	11 U	11 U	11 U	11 U	2 J
Di-n-Octylphthalate	730	11 U	11 U	11 U	10 U	11 U	11 U	11 U	11 U	11 U	10 U
Benzo (b) fluoranthene	0.9	11 U	11 U	11 U	10 U	11 U	11 U	11 U	11 U	11 U	10 U
Benzo (k) fluoranthene	0.55	11 U	11 U	11 U	10 U	11 U	11 U	11 U	11 U	11 U	10 U
Benzo (a) pyrene	0.2	11 U	11 U	11 U	10 U	11 U	11 U	11 U	11 U	11 U	10 U
Indeno (1,2,3-cd) pyrene	0.9	11 U	11 U	11 U	10 U	11 U	11 U	11 U	11 U	11 U	10 U
Dibenz (a,h) anthracene	0.09	11 U	11 U	11 U	10 U	11 U	11 U	11 U	11 U	11 U	10 U
Benzo (g,h,i) perylene	0.26	11 U	11 U	11 U	10 U	11 U	11 U	11 U	11 U	11 U	10 U

Notes: All concentrations in ug/l (ppb)

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J = The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte sample.

UJ = The analyte was not detected above the reported sample quantitaion or detection limit. However, the reported quantitation or detection limit is approximate and may or may not represent the actual limit of quantitation or detection necessary to accurately and precisely measure the analyte in the sample.

R = The sample results are rejected because of serious deficiencies in the ability to analyze the sample and meet the quality control criteria. The presence or absence of the analyte cannot be verified.

Groundwater Sampling Results - Pesticides/PCBs

April 1999

Precision National Plating Services - Clarks Summit, PA

Analyte	PA Statewide Health Standard	AGM-1S 04/07/99 11:42	AGM-1I 04/07/99 12:38	AGM-2S 04/05/99 16:00	AGM-2I 04/05/99 16:10	AGM-3S 04/07/99 15:20	AGM-3I 04/06/99 17:28	AGM-4S 04/07/99 8:27	AGM-4I 04/06/99 9:12	AGM-5S 04/08/99 15:30	AGM-5I 04/08/99 16:10	AGM-6S 04/08/99 17:25	AGM-6I 04/06/99 14:42	AGM-6D 04/08/99 17:45
alpha-BHC	0.1	0.06 U	0.05 U	0.05 U	0.05 U	0.06 U	0.05 U	0.06 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.06 U
beta-BHC	0.37	0.06 U	0.05 U	0.05 U	0.05 U	0.06 U	0.05 U	0.06 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.06 U
delta-BHC	11	0.06 U	0.05 U	0.05 U	0.05 U	0.06 U	0.05 U	0.06 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.06 U
gamma-BHC (Lindane)	0.2	0.06 U	0.05 U	0.05 U	0.05 U	0.06 U	0.05 U	0.06 U	0.05 U	0.05 U	0.05 R	0.05 R	0.05 R	0.06 R
Heptachlor	0.4	0.06 U	0.05 U	0.05 U	0.05 U	0.06 U	0.05 U	0.06 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.06 U
Aldrin	0.0087	0.06 U	0.05 U	0.05 U	0.05 U	0.06 U	0.05 U	0.06 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.06 U
Heptachlor epoxide	0.2	0.06 U	0.05 U	0.05 U	0.05 U	0.06 U	0.05 U	0.06 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.06 U
Endosulfan I	220	0.06 U	0.05 U	0.05 U	0.05 U	0.06 U	0.05 U	0.06 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.06 U
Dieldrin	0.041	0.11 U	0.11 U	0.1 U	0.1 U	0.11 U	0.1 U	0.11 U	0.11 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
4,4'-DDE	1.3	0.11 U	0.11 U	0.1 U	0.1 U	0.11 U	0.1 U	0.11 U	0.1 U	0.11 U	0.1 U	0.1 U	0.1 U	0.1 U
Endrin	2	0.11 U	0.11 U	0.1 U	0.1 U	0.11 U	0.1 U	0.11 U	0.1 U	0.11 U	0.1 U	0.1 U	0.1 U	0.1 U
Endosulfan II	220	0.11 U	0.11 U	0.1 U	0.1 U	0.11 U	0.1 U	0.11 U	0.1 U	0.11 U	0.1 U	0.1 U	0.1 U	0.1 U
4,4'-DDD	0.62	0.11 U	0.11 U	0.1 U	0.1 U	0.11 U	0.1 U	0.11 U	0.1 U	0.11 U	0.1 U	0.1 U	0.1 U	0.1 U
Endosulfan sulfate	120	0.11 U	0.11 U	0.1 U	0.1 U	0.11 U	0.1 U	0.11 U	0.1 U	0.11 U	0.1 U	0.1 U	0.1 U	0.1 U
4,4'-DDT	1.7	0.11 U	0.11 U	0.1 U	0.1 U	0.11 U	0.1 U	0.11 U	0.1 U	0.11 U	0.1 U	0.1 U	0.1 U	0.1 U
Methoxychlor	40	0.56 U	0.54 U	0.5 U	0.5 U	0.56 U	0.5 U	0.56 U	0.54 U	0.56 U	0.5 U	0.5 U	0.5 U	0.6 U
Endrin ketone	-	0.11 U	0.11 U	0.1 U	0.1 U	0.11 U	0.1 U	0.11 U	0.1 U	0.11 U	0.1 U	0.1 U	0.1 U	0.1 U
Endrin aldehyde	-	0.11 U	0.11 U	0.1 U	0.1 U	0.11 U	0.1 U	0.11 U	0.1 U	0.11 U	0.1 U	0.1 U	0.1 U	0.1 U
alpha-Chlordane	(1)	0.06 U	0.05 U	0.05 U	0.05 U	0.06 U	0.05 U	0.06 U	0.05 U	0.06 U	0.05 U	0.05 U	0.05 U	0.06 U
gamma-Chlordane	(1)	0.06 U	0.05 U	0.05 U	0.05 U	0.06 U	0.05 U	0.06 U	0.05 U	0.06 U	0.05 U	0.05 U	0.05 U	0.06 U
Toxaphene	3	5.6 U	5.4 U	5 U	5 U	5.6 U	5 U	5.6 U	5.4 U	5 U	5 U	5 U	5 U	5.6 U
Aroclor-1016	2.6	1.1 U	1.1 U	1 U	1 U	1.1 U	1 U	1.1 U	1.1 U	1.1 U	1 U	1 U	1 U	1.1 U
Aroclor-1221	1.3	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U					
Aroclor-1232	1.3	1.1 U	1.1 U	1 U	1 U	1.1 U	1 U	1.1 U	1.1 U	1.1 U	1 U	1 U	1 U	1.1 U
Aroclor-1242	1.3	1.1 U	1.1 U	1 U	1 U	1.1 U	1 U	1.1 U	1.1 U	1.1 U	1 U	1 U	1 U	1.1 U
Aroclor-1248	0.37	1.1 U	1.1 U	1 U	1 U	1.1 U	1 U	1.1 U	1.1 U	1 U	1 U	1 U	1 U	1.1 U
Aroclor-1254	0.37	1.1 U	1.1 U	1 U	1 U	1.1 U	1 U	1.1 U	1.1 U	1 U	1 U	1 U	1 U	1.1 U
Aroclor-1260	0.25	1.1 U	1.1 U	1 U	1 U	1.1 U	1 U	1.1 U	1.1 U	1 U	1 U	1 U	1 U	1.1 U

Notes: All concentrations in ug/l (ppb)

(1) Standard for Chlordane is 2 ug/L

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Groundwater Sampling Results - Pesticides/PCBs

April 1999

Precision National Plating Services - Clarks Summit, PA

Analyte	PA Statewide Health Standard	AGM-7S 04/07/99 17:45	AGM-7I 04/09/99 11:16	AGM-70I 04/09/99 11:55	MW-1 04/06/99 9:55	MW-2 04/06/99 11:00	MW-3 04/08/99 11:01	MW-4 04/08/99 12:35	MW-A 04/08/99 9:42	MW-B 04/08/99 8:49	MW-C 04/06/99 13:05
alpha-BHC	0.1	0.05 U	0.06 U	0.06 U	0.05 U	0.05 U	0.05 U	0.05 U	0.06 U	0.06 U	0.05 U
beta-BHC	0.37	0.05 U	0.06 U	0.06 U	0.05 U	0.05 U	0.05 U	0.05 U	0.06 U	0.06 U	0.05 U
delta-BHC	11	0.05 U	0.06 U	0.06 U	0.05 U	0.05 U	0.05 U	0.05 U	0.06 U	0.06 U	0.05 U
gamma-BHC (Lindane)	0.2	0.05 U	0.06 U	0.06 U	0.05 U	0.05 U	0.05 U	0.05 R	0.05 R	0.06 R	0.05 U
Heptachlor	0.4	0.05 U	0.06 U	0.06 U	0.05 U	0.05 U	0.05 U	0.05 U	0.06 U	0.06 U	0.05 U
Aldrin	0.0087	0.05 U	0.06 U	0.06 U	0.05 U	0.05 U	0.05 U	0.05 U	0.06 U	0.06 U	0.05 U
Heptachlor epoxide	0.2	0.05 U	0.06 U	0.06 U	0.05 U	0.05 U	0.05 U	0.05 U	0.06 U	0.06 U	0.05 U
Endosulfan I	220	0.05 U	0.06 U	0.06 U	0.05 U	0.05 U	0.05 U	0.05 U	0.06 U	0.06 U	0.05 U
Dieldrin	0.041	0.11 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
4,4'-DDE	1.3	0.11 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Endrin	2	0.11 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Endosulfan II	220	0.11 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
4,4'-DDD	0.62	0.11 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Endosulfan sulfate	120	0.11 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
4,4'-DDT	1.7	0.11 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Methoxychlor	40	0.54 U	0.6 U	0.6 U	0.5 U	0.5 U	0.5 U	0.5 U	0.6 U	0.6 U	0.5 U
Endrin ketone	--	0.11 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Endrin aldehyde	--	0.11 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
alpha-Chlordane	(1)	0.05 U	0.06 U	0.06 U	0.05 U	0.05 U	0.05 U	0.05 U	0.06 U	0.06 U	0.05 U
gamma-Chlordane	(1)	0.05 U	0.06 U	0.06 U	0.05 U	0.05 U	0.05 U	0.05 U	0.06 U	0.06 U	0.05 U
Toxaphene	3	5.4 U	5.7 U	5.7 U	5 U	5 U	5 U	5.3 U	5.7 U	5.7 U	5 U
Aroclor-1016	2.6	1.1 U	1.1 U	1.1 U	1 U	1 U	1 U	1 U	1.1 U	1.1 U	1 U
Aroclor-1221	1.3	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U
Aroclor-1232	1.3	1.1 U	1.1 U	1.1 U	1 U	1 U	1 U	1 U	1.1 U	1.1 U	1 U
Aroclor-1242	1.3	1.1 U	1.1 U	1.1 U	1 U	1 U	1 U	1 U	1.1 U	1.1 U	1 U
Aroclor-1248	0.37	1.1 U	1.1 U	1.1 U	1 U	1 U	1 U	1 U	1.1 U	1.1 U	1 U
Aroclor-1254	0.37	1.1 U	1.1 U	1.1 U	1 U	1 U	1 U	1 U	1.1 U	1.1 U	1 U
Aroclor-1260	0.25	1.1 U	1.1 U	1.1 U	1 U	1 U	1 U	1.1 U	1.1 U	1.1 U	1 U

Notes: All concentrations in ug/l (ppb)

(1) Standard for Chlordane is 2 ug/L

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Groundwater Sampling Results - Metals

April 1999

Precision National Plating Services - Clarks Summit, PA

Analyte	PA Statewide Health Standard	AGM-1S 04/07/99 11:42	AGM-1I 04/07/99 12:38	AGM-2S 04/05/99 16:00	AGM-2I 04/05/99 16:10	AGM-3S 04/07/99 15:20	AGM-3I 04/06/99 17:28	AGM-4S 04/07/99 8:27	AGM-4I 04/06/99 9:12	AGM-5S 04/08/99 15:30	AGM-5I 04/08/99 16:10	AGM-6S 04/08/99 17:25	AGM-6I 04/06/99 14:42	AGM-6D 04/08/99 17:45
Aluminum	200	4,890	127 J	800	158 U	170 J	550	132 J	95.9 U	202	623	45.4 U	314	62.2 J
Antimony	6	43.6 J	23.5 U	2.3 UJ	2.3 UJ	36.9 U	2.3 UJ	31.1 J	33.5 J	2.3 UJ				
Arsenic	50	1.4 U	3.4 U	6.1 J	1.2 U	2.4 U	1.2 U	7.7 U	1.2 U	2.5 J	1.2 U	1.2 U	1.7 J	1.2 U
Barium	2,000	118 J	2,220	45.4 J	557	134 J	2,300	66.0 J	248	150 J	438	49.5 J	194 J	1,410
Beryllium	4	0.3 J	0.1 U	0.5 J	0.1 U	0.1 U	0.1 U	0.6 J	0.1 U	0.1 U				
Cadmium	5	0.2 U	0.8 J	0.2 U	0.2 U	0.2 U	0.4 U	0.5 J	0.2 U	0.2 U	0.2 U	0.6 J	0.2 U	0.2 U
Calcium	--	59,400	27,300	14,500	22,500	60,800	40,700	39,200	63,700	30,500	36,000	32,800	43,100	35,500
Chromium	100 (1)	33.9	5.9 J	72.5	2.1 J	418	1.9 J	1,150	2.0 J	76.4	0.6 U	1.5 J	3.9 J	0.6 U
Cobalt	--	3.6 J	1.3 J	1.5 J	0.6 U	1.1 J	0.8 J	0.6 U	0.6 U	0.6 U	0.6 U	0.6 U	0.6 U	0.6 U
Copper	1,000	9.5 J	3.0 U	1.2 J	1.9 J	3.3 U	2.4 J	4.6 U	2.7 U	2.8 J	1.4 U	2.1 U	1.6 J	0.8 U
Hexavalent Chromium	180	10 U	10 U	50 J	10 UJ	400	10 U	1,100	10 U	10 U	10 U	10 U	10 U	10 U
Iron	300	6,940 J	50,900 J	882	2,190	176 J	3,490	136 J	3,850 J	6,500	2,400	46.1 J	426	334
Lead	5	4.0 U	3.0 U	1.6 J	1.9 J	2.2 U	1.1 U	1.4 U	5.9 U	2.7 U	1.7 U	1.3 U	1.1 U	2.2 U
Magnesium	--	8,260	2,700 J	1,710 J	3,280 J	9,350	5,360	4,820 J	10,000	2,780 J	5,280	4,070 J	6,320	4,800 J
Manganese	50	436	1,000	93.5	101	37.2	144	20.3	531	2,780	308	5.5 J	394	155
Mercury	2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U					
Nickel	100	25.4 J	2.7 J	18.9 J	1.9 J	2.6 J	2.1 J	10.7 J	1.8 J	5.9 J	0.6 U	2.7 J	3.0 J	0.6 U
Potassium	--	2,600 J	5,610	1,390 J	4,200 J	2,900 J	7,840	1,830 J	1,820 J	1,280 J	4,330 J	2,680 J	3,030 J	4,750 J
Selenium	50	8.0 UJ	1.6 UJ	1.6 UJ	1.6 UJ	8.0 UJ	8.0 UJ	8.0 UJ	8.0 UJ	1.6 UJ	1.6 UJ	8.0 UJ	1.6 UJ	1.6 UJ
Silver	100	1.2 U	1.2 U	1.2 U	1.2 U	2.0 J	1.2 U	10.4	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
Sodium	--	11,700	15,200	3,350 J	27,100	14,700	20,200	7,050	12,400	18,800	24,900	34,100	17,600	35,700
Thallium	2	1.1 UJ	1.1 UJ	1.1 UJ	1.1 UJ	1.1 UJ	1.1 UJ	1.1 UJ	1.1 UJ					
Vanadium	2.1	5.2 J	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U				
Zinc	2,000	166 J	129 J	53.9 J	77.5 J	74.6 J	39.5 J	73.8 J	55.0 J	42.1	23.4	58.2	57.2 J	6.6 J

Notes: All concentrations in ug/l (ppb)

(1) 100 ug/L is the State-wide Health Standard for Chromium (III) and the Federal MCL for total Chromium in groundwater.

U = The analyte was analyzed for, but was not detected above the level of the associated value. The associated value is either the sample quantitation limit or the sample detection limit.

J = The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte

UJ = The analyte was not detected above the reported sample quantitaion or detection limit. However, the reported quantitation or detection limit is approximate and may or may not represent the actual limit of quantitation or detection necessary to accurately and precisely measure the analyte in the sample.

R = The sample results are rejected because of serious deficiencies in the ability to analyze the sample and meet the quality control criteria. The presence or absence of the analyte cannot be verified.

Groundwater Sampling Results - Metals

April 1999

Precision National Plating Services - Clarks Summit, PA

Analyte	PA Statewide Health Standard	AGM-7S 04/07/99 17:45	AGM-7I 04/09/99 11:16	AGM-70I 04/09/99 11:55	MW-1 04/06/99 9:55	MW-2 04/06/99 11:00	MW-3 04/08/99 11:01	MW-4 04/08/99 12:35	MW-A 04/08/99 9:42	MW-B 04/08/99 8:49	MW-C 04/06/99 13:05
Aluminum	200	156 J	2,520	2,320	218 U	83.4 U	1,330	568	34.6 U	611	177 U
Antimony	6	33.7 U	2.3 UJ	2.3 UJ	2.3 UJ	2.3 UJ	18.4 J	15.7 J	55.8 J	2.3 UJ	2.3 UJ
Arsenic	50	1.2 U	2.2 U	2.2 U	2.9 J	1.2 U	3.1 J	2.3 J	1.2 U	1.2 U	1.2 U
Barium	2,000	49.7 J	44.8 J	44.4 J	94.7 J	96.3 J	47.4 J	247	21.4 J	62.0 J	19.4 J
Beryllium	4	0.1 U	0.1 J	0.2 J	0.7 J	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Cadmium	5	0.2 U	0.2 U	0.2 U	0.8 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Calcium	--	60,600	38,800	39,000	65,500	57,700	32,700	53,400	19,300	56,400	29,300
Chromium	100 (1)	0.6 U	10.5	10.1	2.2 J	17.5	2,940	2,800	5,670	268	2.0 J
Cobalt	--	0.6 U	2.7 J	2.3 J	0.7 J	0.6 U	1.6 J	0.6 U	0.8 J	0.6 U	1.5 J
Copper	1,000	2.5 U	4.2 J	3.6 J	6.1 J	2.5 J	1.6 U	4.8 J	2.4 U	3.6 J	2.0 J
Hexavalent Chromium	180	10 U	20	10	10 U	10 U	2,200	300	6,000	300	10 U
Iron	300	347 J	3,690	3,380	10,400	3,450	14,200	1,060	61.3 J	875	254
Lead	5	2.4 U	4.4	4.1	4.2	1.1 U	2.1 U	9.4 U	3.6 U	4.8 U	1.1 U
Magnesium	--	6,750	5,860 J	5,830 J	3,280	6,380	3,940 J	8,300	1,990 J	6,370	3,660
Manganese	50	589	242 J	237 J	501	171	207	550	39.4	40.6	106
Mercury	2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	6.7	0.2 U	0.2 U	0.2 U
Nickel	100	1.2 J	4.5 J	3.6 J	5.4 J	1.5 J	32.6 J	11.7 J	3.4 J	16.8 J	2.1 J
Potassium	--	1,750 J	1,870 J	1,880 J	3,350 J	7,500	1,530 J	1,800 J	1,090 J	2,150 J	647 J
Selenium	50	8.0 UJ	1.6 UJ	1.6 UJ	8.0 UJ	8.0 UJ	8.0 UJ	8.0 UJ	1.6 UJ	8.0 UJ	8.0 UJ
Silver	100	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	36.3	33.2	69.3	1.5 U	1.2 U
Sodium	--	12,300	13,300	13,500	36,100	101,000	4,900 J	15,100	21,500	15,200	3,060 J
Thallium	2	1.1 UJ	1.1 UJ	1.1 UJ	1.1 UJ	1.1 UJ	1.1 UJ	1.1 UJ	1.1 UJ	1.1 UJ	1.1 UJ
Vanadium	2.1	1.2 U	2.8 J	2.6 J	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
Zinc	2,000	108 J	27.5 J	27.0 J	98.9 J	90.5 J	48.5	71.6	107	68.3	47 J

Notes: All concentrations in ug/l (ppb)

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